

PULP & PAPER's 1965 index

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Engineering, maintenance, power
Finishing
How to do it
Management
Meetings

Mill reports
Paper machines
Process control
Pulping, bleaching, recovery
Pulpwood
Research & development
Stock preparation
Supervision, safety, training
Water

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Twenty-six of the paper manufacturers reported providing a total of 227 scholarships during 1964. The stipends ranged from \$500 to \$1,000. Most of the scholarships were open, not restricted to employees' children.

Most of the scholarships were unrestricted as to fields of study.

The four companies which reported providing fellowships maintained a total of 13 in 1964.

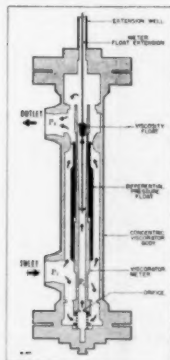
Types of aid to institutions

In types of aid other than dollar grants, the paper manufacturers contributed the equivalent of \$651,958 during 1964. By types of aid and by number of contributing companies the tally was:

	To Colleges	To Pre-College Schools
Plant tours	22	20
Speakers	20	18
Publications	13	11
Equipment or materials	11	9
Loans of instructional personnel	10	11
Conferences	6	2
Loans of facilities	2	3
Gifts of land or other real estate	1	3

New Equipment

Concentric Viscorator



For: Continuous measurement of fluid viscosity.

Features: The manufacturer claims that this is the only single body in-line auto sampling instrument for continuous measurement of viscosity. The instrument is rugged and accurate over a wide range of flow rates. It consists of a differential pressure regulator that maintains a constant pressure drop across the meter, and a variable-area flow meter with a viscos-

ity-sensitive float.

Supplier: Fischer & Porter Co., Warminster, Pa.

Industrial simulation facility

For: Modeling entire automation systems in cement, paper, steel, mining, petroleum or chemical processes.

Features: By programming the proper statistical information, customers visiting the new facility can see the effect automatic control would have on their specific process by reading similar instruments which would be installed in the control room of their plant.

Supplier: General Electric, Schenectady 5, N. Y.

SCR Controller

For: Eddy-current clutches and brakes.

Features: The Dynamatic solid-state unit supplies dc excitation to the field coil of an eddy-current clutch or brake. The standard controller is basically a speed regulating device. Output speed varia-

tions caused by load changes are sensed and compared with a reference signal which represents the desired output speed. The dc output of the controller is then automatically adjusted to maintain constant speed with extremely close limits.

Supplier: Eaton Mfg. Co., Dynamatic Div., Kenosha, Wis.

Portable roll header



For: Wrapping and crimping operations.

Features: Being portable, the compact unit is ready for immediate use with just connections to air and electric lines anywhere in the mill. Shown at work at Litton Industries, Fitchburg Paper Div., the header can be used in conjunction with manual, semi-automatic, and automatic wrapping and crimping arrangements.

Supplier: Beloit Eastern Corp., Downingtown, Pa.